



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

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IN THE APPLICATION OF:
OMOLAYO O. FAMODU ET. AL.

CASE NUMBER: BB1395 US PCT

APPLICATION NO: 10/069,427 ✓

GROUP ART UNIT: UNKNOWN

FILED: FEBRUARY 19, 2002

EXAMINER: UNKNOWN

FOR: GENES ENCODING STEROL DELTA-15 REDUCTASE IN PLANTS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents of Patents and Trademarks
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Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office information listed on the enclosed PTO/SB/08. Also enclosed is a copy of the International Search Report along with copies of the cited references.

Should any fee be required in connection with the filing of this Information Disclosure Statement, please charge such fee to Deposit Account No. 04-1928 (E.I. du Pont de Nemours and Company).

Respectfully submitted,

Lori V. Beardell

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July 31, 2002

Encl.



Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 1 of 2			Complete if Known	
			Application Number	10,069,427
			Filing Date	FEBRUARY 19, 2002
			First Named Inventor	OMOLAYO O. FAMODU ET. AL.
			Group Art Unit	UNKNOWN
			Examiner Name	UNKNOWN
			Attorney Docket Number	BB1395 US PCT

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	TECH CENTER 1600/2900
		MARGARET H. LAI ET. AL., GENE, VOL. 140:41-49, 1994, THE IDENTIFICATION OF A GENE FAMILY IN THE SACCHAROMYCES CEREVISIAE ERGOSTEROL BIOSYNTHESIS PATHWAY.	
		LEO W. PARKS ET. AL., LIPIDS, VOL. 30:227-230, 1995, BIOCHEMICAL AND PHYSIOLOGICAL EFFECTS OF STEROL ALTERATIONS IN YEAST-A REVIEW.	
		LIZETTE M. PALERMO ET. AL., CURR. GENET., VOL. 32:93-99, 1997, ASSESSMENT OF THE ESSENTIALITY OF ERG GENES LATE IN ERGOSTEROL BIOSYNTHESIS IN SACCHAROMYCES CEREVISIAE.	
		JAMES H. CROWLEY ET. AL., JOURNAL OF BACTERIOLOGY, VOL. 178:2991-2993, 1996, AEROBIC ISOLATION OF AN ERG24 NULL MUTANT OF SACCHAROMYCES CEREVISIAE.	
		CHRISTOPHE MARCIREAU ET. AL., CURR. GENET., VOL. 22:267-272, CONSTRUCTION AND GROWTH PROPERTIES OF A YEAST STRAIN DEFECTIVE IN STEROL 14-REDUCTASE.	
		KEITH BARRETT-BEE ET. AL., ACTA. BIOCHIM. POL., VOL. 42:465-479, 1995, ERGOSTEROL BIOSYNTHESIS INHIBITION: A TARGET FOR ANTIFUNGAL AGENTS.	
		WARREN GISH ET. AL., NAT. GENET., VOL. 3:266-272, 1993, IDENTIFICATION OF PROTEIN CODING REGIONS BY DATABASE SIMILARITY SEARCH.	
		STEPHEN F. ALTSCHUL ET. AL., NUCLEIC ACIDS RESEARCH, VOL. 25:3389-3402, 1997, GAPPED BLAST AND PSI-BLAST: A NEW GENERATION OF PROTEIN DATABASE SEARCH PROGRAMS.	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 1805625, 1-22-97, KASBEKAR, D.P.	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 8917585, 7-5-00, JANG, J.C. ET. AL., A CRITICAL ROLE OF STEROLS IN EMBRYONIC PATTERNING AND MERISTEM PROGRAMMING REVEALED BY THE FRACKEL MUTANTS OF ARABIDOPSIS THALIANA.	
		NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION GENERAL IDENTIFIER NO. 8980704, 7-9-00, SCHRICK, K. ET. AL., FRACKEL IS A STEROL C-14 REDUCTASE REQUIRED FOR ORGANIZED CELL DIVISION AND EXPANSION IN ARABIDOPSIS EMBRYOGENESIS.	

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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STATEMENT BY APPLICANT**

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Sheet 2 of 2

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Group Art Unit	UNKNOWN
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		KATHRIN SCHRICK ET. AL., GENES & DEVELOPMENT, VOL. 14:1471-1484, 2000, FACKEL IS A STEROL C-14 REDUCTASE REQUIRED FOR ORGANIZED CELL DIVISION AND EXPANSION IN ARABIDOPSIS EMBRYOGENESIS.	
		JYAN-CHYUN JANG ET. AL., GENES DEVELOPMENT, VOL. 14:1485-1497, 2000, A CRITICAL ROLE OF STEROLS IN EMBRYONIC PATTERNING AND MERISTEM PROGRAMMING REVEALED BY THE FACKEL MUTANTS OF ARABIDOPSIS THALIANA.	
		CHRISTOPHER C. STEEL ET AL., JOURNAL OF CHROMATOGRAPHY, 566 435-443, 1991, RADIO-DETECTION HIGH-PERFORMANCE LIQUID CHROMATOGRAPHIC ENZYME ASSAY FOR INHIBITORS OF FUNGAL STEROL DELTA- ¹⁴ -REDUCTASE	

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